Int.0 413/1	FICATION OF SUBJECT MATTER C1 ⁷ C07D209/14, 209/16, 405/12, C2, 498/06, A61K31/4045, 31/4439, C3, 31/4545, 31/5383, A61P1/16, C1 International Patent Classification (IPC) or to both nation	31/454, 31/496, 31/537 3/04, 3/10, 13/02, 25/3	1, 31/538,			
B. FIELDS	SEARCHED					
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ C07D209/14, 209/16, 405/12, 401/06, 401/12, 401/14, 403/06, 413/12, 498/06, A61K31/4045, 31/4439, 31/454, 31/496, 31/5377, 31/538, 31/55, 31/4545, 31/5383, A61P1/16, 3/04, 3/10, 13/02, 25/24, 43/00 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) CAPLUS, REGISTRY (STN)						
C. DOCUM	MENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where appr	ropriate, of the relevant passages	Relevant to claim No.			
P,X		ARM. CO., LTD.),	1,3-7,10, 11-14,16			
х	WO 96/16038 A1 (DAINIPPON PHA 30 May, 1996 (30.05.96), & JP 6-345731 A & AU	9510341 A	1,3-6,12-14, 16			
P,X	WO 02/74306 Al (ASAHI KASEI P 26 September, 2002 (26.09.02) (Family: none)	KABUSHIKI KAISHA),	1,3-6,10, 12-14,16			
х	с EP 1235801 A1 & BR	ARM.CO., LTD.), 2001015505 A 2000015913 A 2002002541 A	1,3-14,16			
× Furth	er documents are listed in the continuation of Box C.	See patent family annex.				
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" carlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family Date of mailing of the international search report 19 August, 2003 (19.08.03)				
	August, 2003 (04.08.03)	Authorized officer				
Name and mailing address of the ISA/ Japanese Patent Office						
Facsimile No.		Telephone No.				

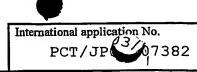
C (Continua	ation). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	WO 01/17513 A2 (TAKEDA CHEM. IND., TLD.), 15 March, 2001 (15.03.01), & JP 2001-316292 A & EP 1212090 A2 & NO 2002001036 A	1,3-7,10-14, 16
X .	WO 00/21508 A2 (SANOFI-SYNTHELABO), 20 April, 2000 (20.04.00), & FR 2784582 A & AU 9958686 A & EP 1121108 A2 & JP 2002-527377 A & US 6310050 B1	1,3-7,10-14,
Х	JP 11-255743 A (DAINIPPON PHARM. CO., LTD.), 21 September, 1999 (21.09.99), (Family: none)	1-7,9-14,16
Х	JP 8-165276 A (DAINIPPON PHARM. CO., LTD.), 25 June, 1996 (25.06.96), (Family: none)	1,3-6,12-14,
х	WO 96/16938 A1 (DAINIPPON PHARM. CO., LTD.), 06 June, 1996 (06.06.96), & CA 2206307 A & AU 9539366 A & BR 9509827 A & EP 801059 A1 & CN 1174549 A & HU 77308 A & IL 116178 A & ZA 9510130 A & JP 8-231504 A & NO 9702427 A & FI 9702275 A & US 5817689 A & HK 1003886 A	1-7,10-14,16
X	EP 377488 A1 (MERCK & CO., INC.), 11 July, 1990 (11.07.90), & US 5030640 A & AU 9047392 A & CA2007117 A & ZA 9000049 A & JP 2-231486 A	1,3-6,11-14,
· X	EP 338352 A2 (MERCK PATENT G.M.B.H.), 25 October, 1989 (25.10.89), & DE 3812755 A & AU 8932688 A & JP 1-311064 A & ZA 8902759 A & HU 54678 A & US 4987133 A	1,3,4,12,13
х	EP 242173 Al (PFIZER LTD.), 21 October, 1987 (21.10.87), & US 4863948 A & AU 8771442 A & IL 82205 A & FI 8701635 A & CA 1295616 A & DK 8701950 A & HU 44528 A & ZA 8702703 A & JP 62-255474 A & AN 1038451 A & US 4990509 A & US 5114952 A	1,3,4,12,13



International application No. PCT/JP03/07382

C (Continua	tion). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4540581 A (BRISTOL-MYERS CO.), 10 September, 1985 (10.09.85), & DE 3407861 A & FR 2541999 A & ZA 8401485 A & DK 8401406 A & BE 899069 A & SE 8401181 A & AU 8425240 A & GB 2135883 A & CH 659067 A & CA 1235662 A & US 4574129 A & CA 1235705 A	1,3,4,6,12,
x	EP 8653 A1 (BOEHRINGER C.H., SOHN), 19 March, 1980 (19.03.80), & DE 2833140 A	1,6,13
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x	US 2908691 A (G.D. SEARLE & CO.), 13 October, 1959 (13.10.59), (Family: none)	1,3-6,12,13
х	Tetrahedron Lett., (2001), 42(43), p.7671-4	1,3,4,12,13
х	Chemical Abstracts, Vol.135, abs.No.344399, RN=371752-47-5	1,3,4,12
X .	Chemical Abstracts, Vol.132, abs.No.152006, RN=258267-67-3	1,3-5,12
х	J.Org.Chem., (1991), 56(14), p.4403-7	1,3-5,12,13
. X	Chemical Abstracts, Vol.109, abs.No.128763	1,3,4,12,13
х	J.Med.Chem., (1982), 25(6), p.670-9	1,3,4,12,13
Х	J.Med.Chem., (1980), 23(11), p.1268-9	1,3,4,12,13
Х	Can.Med.Chem., (1976), 54(8), p.1262-77	1,3,4,12
х	Chemical Abstracts, Vol.64, abs.No.2041e-f	1,3-5,12,13





Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)				
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
1. X Claims Nos.: 15 because they relate to subject matter not required to be searched by this Authority, namely: The inventions as set forth in claim 15 pertains to method for treatment of the human body by therapy.	ent			
Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such extent that no meaningful international search can be carried out, specifically:	n			
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)				
This International Searching Authority found multiple inventions in this international application, as follows:	•			
 As all required additional search fees were timely paid by the applicant, this international search report covers all search claims. 	able			
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite paym of any additional fee.	ent			
3. As only some of the required additional search fees were timely paid by the applicant, this international search report conly those claims for which fees were paid, specifically claims Nos.:	overs			
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.				